In Progress Report of Approved Acquisition Objective Integrated Product Team (AAO IPT)

LtCol Morse

Agenda

- **Purpose**
- **Events**
- **Programs Tailored**
- **Programs Not Tailored**
- **Tailored Examples**
- **Tailored Programs Comparative Assessment**
- **Lessons Learned**
- **Recommendations**

Purpose

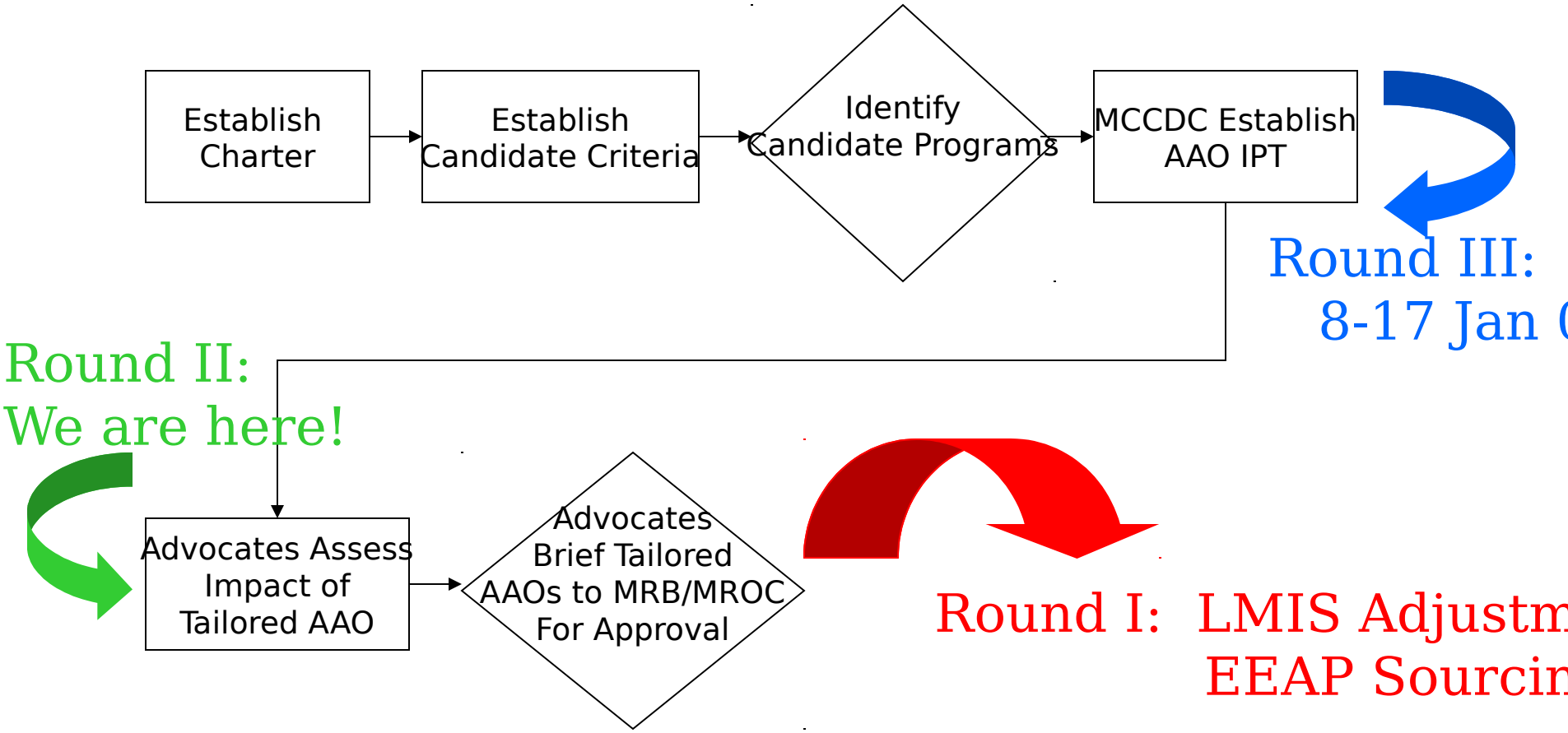
- **Gain MROC Approval of Recommendations from 2nd AAO IPT Tailoring of 18-27 Sep 01.**
- **Establish Baseline for Advocate Validation of IPT Recommendations, By Exception.**
- **MROC Approve Way Ahead**

Events

- **AAO IPT Message released 5 June/10 Sep 2001**
- **AAO IPT Convened 18-27 September 2001**
- **Following Organizations Participated:**

(1) Marine Corps Combat Development Command
(2) Plans, Policies, and Operations
(3) Aviation
(4) Installations and Logistics (LP)
(5) Installations and Logistics (LF)
(6) Materiel Command
(7) Training and Education Command
(8) Programs and Resources

Events (Cont.)


Establish Charter
Establish Candidate Criteria
Identify Candidate Programs
MCCDC Establish AAO IPT
Round III:
8-17 Jan (
Round II:
We are here!
Advocates Assess Impact of Tailored AAO
Advocates Brief Tailored AAOs to MRB/MROC For Approval
Round I: LMIS Adjustm
EEAP Sourcin

Programs Tailored

- AAAV
- ADVANCED MINE DETECTOR
- AN/GVS-5 LASER OBSERVATION SET
- AN/PAS-13 THERMAL WEAPONS SIGHT (MEDIUM & HEAVY)
- AN/TPS-59 RADAR
- BRIDGE BOAT
- CLOSED LOOP ARTILLERY SUPPORT SYSTEM
- COASTAL BATTLEFIELD RECONNAISSANCE & ANALYSIS
- COMBAT VEHICLE TRAINING SYSTEM
- COMMON AVIATION C2 SYSTEM
- COMPLEMENTARY LOW ALTITUDE WEAPONS SYSTEM
- COMPOSITE TRACKING NETWORK
- DATA AUTOMATED COMMUNICATIONS TERMINAL (MOUNTED & DISMOUNTED)

Programs Tailored (Cont)

- FOLLOW-ON TO SMAW
- GLOBAL BROADCAST SYSTEM
- HIGH MOBILITY ARTILLERY ROCKET SYSTEM
- HIGH MOBILITY MULTI-WHEELED VEHICLE
- IMPROVED POSITION AZIMUTH DETERMINATION SYSTEM
- INDOOR SIMULATED MARKSMANSHIP TRAINER ENHANCED
- LAV
- MOBILE FIELD KITCHEN
- MULTI-ROLE RADAR SYSTEM
- REMOTED TARGET SYSTEM
- ROUGH TERRAIN CARGO HANDLER
- UNIT OPERATIONS CENTER

Programs Not Tailored

- **EXPEDITIONARY FUEL SYSTEM**
- **GROUND WEAPONS LOCATING RADAR**
- **INTERNALLY TRANSPORTABLE VEHICLE**
- **JOINT TACTICAL RADIO SYSTEM**

AAAV

Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	486	478	-8	I MEF for School
Reserves	47	47		Reserve Allowance
EEAP	55	0	-55	OpFor to source
MPF	318	318		
DMFA	57	29	-28	
NALMEB	0	0		
School Campen	35	46	11	
TBS	5	5		
DRPM	3	3		
AVTB	7	7		
AAO	**1013**		**933**	
-80				
Total Reduction		**8% of AAO**		

4.9 to 4.5 MEFs

HMMWV T/E Piece

Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	6150	6150		OpFor to provide 363
Reserves	2615	2615		Reserve Allowance
EEAP	363	0	-363	
MPF	1950	1950		
DMFA	698	0	-698	
WRMR	0	0		
NALMEB	574	574		
Schools	394	394		
HQ, MCCDC	12	0	-12	Never Fielded
Supporting Est	66	66		
MCTSSA	1	1		
AAO	**12823**		**11750**	
-1073				
Total Reduction	**8% of AAO**			

5.4 to 5.0 MEFs

Boat, Bridge Erection

Component	Acquisition Objective Component	Tailored Acquisition Objective	Delta	Rationale
Operating Forces	31	31		
Reserves	4	19	15	Reserve Allowance
MPF	10	10		
DMFA	0	0		
NALMEB	3	3		
Engr School CampLej	4	3	-1	Supports one bridge raft
AAO	**52**	**66**		
14				

Supports 3 Boat Companies requiring 21 boats eac

Total Increase 27% of AAO

2.5 to 3.1 MEFs

Comparative Assessment

Nomenclature	I MEF	II MEF	III MEF	Reserves	Supp Est	MPF	Net WRMR	NAL MEB	DMFA	Original AAO	Tailored AAO	Old MEF	New MEF
Advanced Amphibious Assault Vehicle	207	207	64	47	61	318	0	0	29	1013	933	4.89	4.51
Advanced Mine Detector	116	124	64	124	16	132	0	0	0	661	576	5.33	4.65
AN/GVS-5 Laser Observation Set Replacement	344	306	192	357	64	0	0	0	0	1967	1263	5.72	3.67
AN/PAS-13 Thermal Sight, Heavy	507	421	311	487	49	0	0	0	18	3654	1793	7.21	3.54
AN/PAS-13 Thermal Sight, Medium	1040	832	624	936	49	0	0	0	34	5238	3515	5.04	3.38
AN/TPS-59 Radar	2	2	2	2	2	0	0	0	1	11	11	5.50	5.50
Boat, Bridge Erection	6	21	4	19	3	10	0	3	0	52	66	2.48	3.14
Closed Loop Artillery Support System	4	3	4	9	3	0	0	0	0	30	23	7.50	5.75
Coastal Battlefield Recon and Analysis (Payload)	8	8	0	0	3	0	0	0	0	22	19	2.75	2.38
Coastal Battlefield Recon and Analysis (Ground Station)	4	4	0	0	2	0	0	0	0	11	10	2.75	2.50
Combat Vehicle Training System (formerly CVAT)	49	33	10	36	14	0	0	0	0	142	142	2.90	2.90
M1A1	10	10	0	16	0	0	0	0	0	36	36	3.60	3.60
LAV-25	18	9	3	8	4	0	0	0	0	42	42	2.33	2.33
AAV	21	14	7	12	10	0	0	0	0	64	64	3.05	3.05
Common Aviation C2 System	1	1	1	1	2	0	0	0	0	6	6	6.00	6.00
Complementary Low Altitude Weapons System	24	24	18	24	5	0	0	0	0	95	95	3.96	3.96
Composite Tracking Network (formerly CEC)	6	6	5	5	3	0	0	0	0	28	25	4.67	4.17
Data Automated Communications Terminal (Mtd)	232	281	195	294	48	0	0	0	0	1044	1050	3.72	3.74
Data Automated Communications Terminal (Dismtd)	534	504	297	552	57	0	0	0	0	2198	1944	4.12	3.64
Follow-on to SMAW	216	180	120	198	212	0	126	0	0	1124	1052	5.20	4.87
Global Broadcast System Mobile	20	20	16	10	5	0	0	0	0	77	71	3.85	3.55
Global Broadcast System Fixed	1	1	2	1	5	0	0	0	0	26	10	13.00	5.00
High Mobility Artillery Rocket System	0	0	0	36	0	0	0	0	4	45	40	1.25	1.11
High Mobility Multi-Wheeled Vehicle (Components)	To be tailored as system component												
High Mobility Multi-Wheeled Vehicle T/E Piece	2236	2348	1515	2610	517	1950	0	574	0	12823	11750	5.46	5.00
Improved Position Azimuth Determination System	13	13	8	14	0	6	0	0	6	83	60	6.38	4.62
Indoor Simulated Marksmanship Trainer - Enhanced	86	84	38	183	154	0	0	0	0	603	545	7.01	6.34
Light Armored Vehicle - Roll-up	213	122	26	136	36	75	0	0	72	771	680	3.62	3.19
Multi-Role Radar System	4	6	6	4	4	0	0	0	1	26	25	4.33	4.17
Mobile Field Kitchen (formerly RDK)	12	12	9	6	3	30	0	7	0	85	79	7.08	6.58
Remoted Target System	27	10	1	0	2	0	0	0	0	40	40	1.48	1.48
Rough Terrain Cargo Handler	9	9	8	9	3	42	0	0	0	108	80	12.00	8.89
Unit Operations Center, CC	5	5	4	4	3	0	0	0	0	21	21	4.20	4.20
Unit Operations Center, COC	125	106	71	84	12	0	0	0	0	417	398	3.34	3.18

Lessons Learned

- **MORE PROGRAMS WERE TAILORED/ REVIEWED PRIOR TO IPT (CULTURE CHANGE)**
- **RESERVES REVIEWING COE (MIRROR IMAGE OR TRAINING ALLOWANC**
- **RESTRICTIONS ON MPF NEED REVIEW**
- **EEAP SOURCING GUIDANCE NEEDED BY OPERATING FORCES**
- **AAO ORDER NEEDS TO BE PUBLISHED SOON**

Concept of Employment

Draft Follow-on List

- ACE
  - Ground Based Air Defense-Aerial Target
  - Lightweight Expeditionary Airfield Revetments
  - Marine Corps Stationary Lighter Than Air Platform
- CE
  - Clear Facilities
  - Alternate Power Sources for Comm Equipment
  - Combat Decision Range
  - Combined Arms Command & Control Training Upgrade System
  - Defense Advanced GPS Receiver
  - Defense Message System
  - HF Manpack Radio
  - Small Unit Remote Scouting System
  - Trojan Spirit/II/Lite

*Pending Further Analysis/IPT Approval

- GCE
  - Advanced Anti-Tank System Heavy
  - Advanced Field Artillery Tactical Data System
  - Internally Transportable Vehicles
  - Light Strike Craft
  - Mortar Ballistic Computer
  - M1A1 Firepower Enhancement
- CSSE/SE
  - Container Family
  - Logistics Vehicle System Replacement
  - Family of Tactical Trailers
  - Flatrack Refueling Capability
  - Family of Field Medical Equipment
  - Transportable Regional Calibration Complex
  -

Recommendations

- **MROC Accept IPT Recommendations as Baseline**
- **Advocates Validate IPT Recommendations (By Exception) to MROC Prior to Jan Session**
- **MROC Review Limited Tailoring of Reserves/MPF**
- **MCCDC Coordinate EEAP Sourcing Issue**
- **MCCDC Publish AAO Order**
- **MCCDC Schedule 3rd Session, 8-17 Jan 02**

Back-up Slides

AAAV

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
DMFA	57	29	
EEAP	55	0	OpFor to provide 55
Operating Forces	486	478	I MEF decreased by 8 for School
Reserves	47	47	Reserve Allowance
School Campen	35	46	
TBS	5	5	
DRPM	3	3	
AVTB	7	7	
MPF	318	318	
NALMEB	0	0	
AAO	**1013**		
933			

Total Reduction **80 Systems 8% of AAO**

4.9 to 4.5 MEFs

Advanced Mine Detector

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
DMFA	0	0	
EEAP	0	0	
Guantanamo, Cuba	30	0	No longer Required
Operating Forces	313	304	
Reserves	124	124	Reserve Allowance
School CampLej	14	14	
TBS	2	2	
SysCom	2	0	Display models
MPF	132	132	
NALMEB	44	0	Requirement not stated in ORD
AAO	**661**		
576			

Total Reduction **85 Systems 12% of AAO**

5.3 to 4.7 MEFs

Laser Observation Set Replacement

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
DMFA	37	0	COTS
EEAP	0	0	
Special Mission	2	0	No longer Required
Operating Forces	1318	842	
Reserves	561	357	Reserve Allowance
SOI CampLej/Campen	31	3 / 3	
TBS		18	
EWTG Lant/Pac		10 / 10	
Arty School Ft. Sill		20	
MPF	0	0	
NALMEB	18	0	Requirement not stated in ORD

AAO 1263 — **1967** — **704 Systems 36% of AAO**

Total Reduction

5.7 to 3.7 MEFs

AN/PAS-13 Thermal Sight, Heavy

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
DMFA	TBD	18	Contractor Logistics
EEAP	0	0	
Operating Forces	2589	1239	
Reserves	1049	487	Reserve Allowance
SOI CampLej/Campen		16/16	
TBS	16	8	
Aberdeen		9	
MPF	0	0	
NALMEB	0	0	

AAO 1793

3654

Total Reduction

1861 Systems 50% of AAO

7.2 to 3.5 MEFs

AN/PAS-13 Thermal Sight, Medium

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
DMFA	0	34	Contractor Logistics
WRMR	1359	0	
Operating Forces	2589	2496	
Reserves	1049	936	Reserve Allowance
SOI CampLej/Campen		16 / 16	
TBS	16	8	
Aberdeen		9	
MPF	225	0	
NALMEB	0	0	

AAO 5238

3515

Total Reduction 1723 Systems 32% of AAO

5.0 to 3.4 MEFs

AN/TPS-59

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
DMFA	1	1	
School 29 Palms	2	1	
MCTSSA	1	1	
Operating Forces	10	6	
Reserves	0	2	Reserve Allowance
MPF	0	0	
NALMEB	0	0	

AAO **11** **11**

Total Reduction **0 Systems 0% of AAO**

5.5 MEFs

Boat, Bridge Erection

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
DMFA	0	0	
Engr School CampLej	4	3	Supports one bridge raft
Operating Forces	31	31	
Reserves	4	19	Reserve Allowance
MPF	10	10	
NALMEB	3	3	

Supports 3 Boat Companies requiring 21 boats ea

AAO 66 **52**

Total Increase **14 Systems 27% of AAO**

2.5 to 3.1 MEFs

Closed Loop Artillery Support System

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
School	0	3	
Operating Forces	15	11	
Reserves	15	9	Reserve Allowance

AAO 23 **30**

Total Decrease **7 Systems 23% of AAO**

7.5 to 5.8 MEFs

Coastal Battlefield Recon & Analysis

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
Payload/Ground Unit			
School	2 / 1	3 / 2	
Operating Forces	16 / 8	16 / 8	
SYSCOM	4 / 2	0 / 0	
AAO	**22 / 11**		
19 / 10			
Total Decrease	**3 / 1 Systems 13 / 9% of AAO**		2.8 to 2.5 MEFs

Combat Vehicle Training System

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
M1A1			
School	0	0	
Operating Forces	20	20	
Reserves	16	16	
LAV			
School	4	4	
Operating Forces	27	27	
Reserves	8	8	
AAV			
School	10	10	
Operating Forces	42	42	
Reserves	12	12	
AAO	**142**	**142**	

Total Unchange **0 Systems 0% of AAO**

2.9 MEFs

Common Aviation C2 System

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
School	1	1	
SYSCOM	1	1	
Operating Forces	4	4	
AAO 6	**6**		

Total Unchange **0 Systems 0% of AAO**

6.0 MEFs

Complimentary Low Altitude Weapons System

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
Support Establishment	5	5	
Reserves	24	24	
Operating Forces	66	66	

AAO 95 **95**

Total Unchange **0 Systems 0% of AAO**

4.0 MEFs

Composite Tracking Network

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
DMFA	2	0	
EEAP	0	0	
School	2	2	
MCTSSA	2	1	
Operating Forces	18	17	
Reserves	6	5	Reserve Allowance
MPF	0	0	
NALMEB	0	0	
AAO		**28**	
25			

Total Reduction **3 Systems 10% of AAO**

4.7 to 4.2 MEFs

Data Automated Communications Terminal (Mounted)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
DMFA		0	
EEAP		0	
Supporting Establishment		38	
SYSCOM/MCTSSA		10	
Operating Forces		708	
Reserves		294	Reserve Allowance
MPF		0	
NALMEB		0	
AAO		**1044**	
1050			
Total Increase		**6 Systems 0.5% of AAO**	3.72 to 3.74 MEFs

Data Automated Communications Terminal (Dis-Mounted)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
DMFA		0	
EEAP		0	
Supporting Establishment		57	
Operating Forces		1335	
Reserves		552	Reserve Allowance
MPF		0	
NALMEB		0	
AAO 1944	**2198**		
Total Reduction		**254 Systems 11% of AAO**	

4.1 to 3.6 MEFs

Follow-on to SMAW

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
DMFA	59	0	
WRMR	126	126	
Schools	155	155	
TBS	60	25	
1st/2d FAST Companies	0	24	
SysCom	2	0	
Guantanamo, Cuba	8	8	
Operating Forces	516	516	
Reserves	198	198	Reserve Allowance
MPF	0	0	
NALMEB	0	0	
AAO 1052	**1124**		
Total Reduction	**72 Systems 6% of AAO**		5.2 to 4.9 MEFs

Global Broadcast System (Mobile)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
Supporting Establishment	5		
Operating Forces	56		
Reserves	10		Reserve Allowance
MPF	0		
NALMEB	0		
AAO 71	**77**		
Total Reduction		**6 Systems 8% of AAO**	3.9 to 3.6 MEFs

Global Broadcast System (Fixed)

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
Supporting Establishment	16	0	
Operating Forces	9	9	
Reserves	1	1	Reserve Allowance
MPF	0	0	
NALMEB	0	0	

AAO 26
10

Total Reduction **16 Systems 61% of AAO**

13.0 to 5.0 MEFs

High Mobility Artillery Rocket System

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
DMFA	4	4	
WRMR	0	0	
Schools	5	0	Army training and simulation
Reserves	36	36	Reserve Allowance
MPF	0	0	
NALMEB	0	0	

AAO 40 **45**

Total Reduction **5 Systems 11% of AAO**

1.3 to 1.1 MEFs

HMMWV T/E Piece

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
DMFA	698	0	
WRMR	0	0	
MCTSSA	1	1	
Supporting Est	66	66	
Schools	394	394	
HQ, MCCDC	12	0	Never Fielded for HMMWV A1
EEAP	363	0	OpFor to provide 363
Operating Forces	6150	6150	
Reserves	2615	2615	Reserve Allowance
MPF	1950	1950	
NALMEB	574	574	
AAO	**12823**		
11750			

Total Reduction

1073 Systems
8% of AAO

5.5 to 5.0 MEFs

Improved Position Azimuth Determination System

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
DMFA	0	6	
WRMR	0	0	
Operating Forces	50	34	
Reserves	21	14	Reserve Allowance
MPF	9	6	
NALMEB	3	0	

AAO 60 **83**

Total Reduction **23 Systems 28% of AAO**

6.4 to 4.6 MEFs

Indoor Simulation Marksmanship Trainer Enhanced

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
DMFA	0	0	
WRMR	0	0	
Supt Establishment	78	47	
LPD-17s	0	12	
MCSF Bn	26	18	
MSG	133	112	
Operating Forces	212	202	
Reserves	154	154	Reserve Allowance

AAO 545

603

Total Reduction

58 Systems 9% of AAO

7.0 to 6.3 MEFs

Light Armored Vehicle

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
DMFA	72	72	
WRMR	0	0	
Supt Establishment	37	36	
EEAP	31	0	OpFor to provide 31
Operating Forces	361	361	
Reserves	135	136	Reserve Allowance
MPF	75	75	
NALMEB	0	0	
WRMR	53	0	
Training Variants	7	0	
AAO 680	**771**		

Total Reduction **91 Systems 11% of AAO**

3.6 to 3.2 MEFs

Multi-Role Radar System

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
DMFA	2	1	
WRMR	0	0	
Supt Establishment	4	4	
EEAP	0	0	
Operating Forces	16	16	
Reserves	4	4	Reserve Allowance
MPF	0	0	
NALMEB	0	0	
AAO		**26**	
25			

Total Reduction **1 Systems 3% of AAO**

4.3 to 4.2 MEFs

Mobile Field Kitchen

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
DMFA	0	0	
WRMR	0	0	
School Ft.Lee, VA	3	3	
SysCom	1	0	
EEAP	5	0	OpFor to provide 5
Operating Forces	33	33	
Reserves	6	6	Reserve Allowance
MPF	30	30	
NALMEB	7	7	
AAO	**85**		
79			

Total Reduction

6 Systems
7% of AAO

7.1 to 6.6 MEFs

Remoted Target System

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
DMFA	0	0	
Supporting Establishment	2	2	
Operating Forces	38	38	
Reserves	0	0	

AAO 40 **40**

Total Unchange **0 Systems 0% of AAO**

1.5 MEFs

Rough Terrain Cargo Handler

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
DMFA	0	0	
WRMR	0	0	
School Ft.Leonard Wood	3	3	
EEAP	2	0	OpFor to provide 2
Operating Forces	53	26	
Reserves	8	9	Reserve Allowance
MPF	42	42	
NALMEB	0	0	
AAO	**108**		
80			

Total Reduction **28 Systems 25% of AAO**

12.0 to 8.9 MEFs

Unit Operations Center, COC

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
DMFA	0	0	
WRMR	0	0	
Supt Establishment	5	12	
Other	20	0	
Operating Forces	305	302	
Reserves	87	84	Reserve Allowance
MPF	0	0	
NALMEB	0	0	
AAO	**417**		
398			

Total Reduction **19 Systems 4% of AAO**

3.3 to 3.2 MEFs

Unit Operations Center, CC

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Component	Acquisition Objective Component	Tailored Acquisition Objective	Rationale
DMFA	0	0	
WRMR	0	0	
Supt Establishment	3	3	
Operating Forces	14	14	
Reserves	4	4	
MPF	0	0	
NALMEB	0	0	
AAO	**21**		
21			

Total Unchange **0 Systems 0% of AAO**

4.2 MEFs